

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/574,747
Source: TFWP
Date Processed by STIC: 05/04/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/04/2006

PATENT APPLICATION: US/10/574,747

TIME: 14:05:15

Input Set : A:\0002838USU sequence listing.txt

Output Set: N:\CRF4\05042006\J574747.raw

```

1 <110> APPLICANT: Korea Research Insitute of Bioscience and Biotechnology
3 <120> TITLE OF INVENTION: Cattle beta-casein gene targeting vector using homologous
4   recombination
C--> 6 <140> CURRENT APPLICATION NUMBER: US/10/574,747
C--> 6 <141> CURRENT FILING DATE: 2006-04-06
W--> 0 <130> FILE REFERENCE:
      6 <150> PRIOR APPLICATION NUMBER: PCT/KR2004003034
      7 <151> PRIOR FILING DATE: 2004-11-23
      9 <160> NUMBER OF SEQ ID NOS: 9
11 <170> SOFTWARE: KopatentIn 1.71
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 31
15 <212> TYPE: DNA
16 <213> ORGANISM: Artificial Sequence
18 <220> FEATURE:
19 <223> OTHER INFORMATION: primer for bovine casein gene amplification
22 <400> SEQUENCE: 1
23 attcagtcga gtggaacata aactttcagc c                               31
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 31
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: primer for bovine casein gene amplification
35 <400> SEQUENCE: 2
36 catatgtcga ctgtgagatt gtattttgac t                               31
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 24
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: primer for hTPO amplification
52 <400> SEQUENCE: 3
53 ggagctgact gaattgctcc tcgt                                       24
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 24
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: primer for hTPO amplification
65 <400> SEQUENCE: 4
66 cctgacgcag aggggtggacc ctcc                                       24
69 <210> SEQ ID NO: 5

```

RAW SEQUENCE LISTING

DATE: 05/04/2006

PATENT APPLICATION: US/10/574,747

TIME: 14:05:15

Input Set : A:\0002838USU sequence listing.txt

Output Set: N:\CRF4\05042006\J574747.raw

```

70 <211> LENGTH: 23
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: primer for identification gene targeting
78 <400> SEQUENCE: 5
79 ccacacaggc atagagtgtc tgc : 23
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 22
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: primer for identification gene targeting
91 <400> SEQUENCE: 6
92 ccacagaatt gactgcgact gg 22
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 24
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: primer for nested PCR
104 <400> SEQUENCE: 7
105 gagacggacc tgtccagaaa gctg 24
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 29
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: primer for identification gene targeting
117 <400> SEQUENCE: 8
118 ttcactgcat tctagttgtg gtttgtcca 29
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 25
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: primer for identification gene targeting
130 <400> SEQUENCE: 9
131 tctaggacca aacatcggt tactt 25

```

VERIFICATION SUMMARY

DATE: 05/04/2006

PATENT APPLICATION: US/10/574,747

TIME: 14:05:16

Input Set : A:\0002838USU sequence listing.txt

Output Set: N:\CRF4\05042006\J574747.raw

L:6 M:270 C: Current Application Number differs, Replaced Current Application No

L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE